

Application No. 10/518047  
Responsive to the Office Action dated January 5, 2010

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**Amendments to the Claims:**

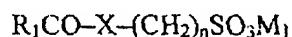
This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A first agent composition for a permanent wave agent or for a hair straightening agent comprising:

(a) a long-chain acylsulfonate type of anionic surfactant expressed by the following

Formula I:



(wherein  $R_1CO-$  is a saturated or unsaturated fatty acid residue (acyl group) with an average carbon number of 10 to 22; X is  $-O-$  or  $-NR-$  (wherein R is a hydrogen atom or an alkyl group with a carbon number of 1 to 3);  $M_1$  is a hydrogen atom, an alkali metal, an alkaline earth metal, ammonium or an organic amine; and n is an integer from 1 to 3);

(b) a higher alcohol;

(c) an anionic polymer; and

(d) a reducing agent,

wherein a combined amount of the component (a) and the component (b) is 0.5 to 10 weight % of the first agent composition,

a molar ratio of the component (b) to the component (a) is 2 to 10, and

the first agent composition does not contain a cationic polymer made of at least one monomer comprising ~~having as a monomer~~ dimethyl diallyl ammonium chloride.

2. (Previously Presented) The first agent composition for a permanent wave agent or for a hair straightening agent according to claim 1, wherein the component (c) is contained in the first agent composition in an amount of 0.05 to 3 weight %.

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3. (Previously Presented) The first agent composition for a permanent wave agent or for a hair straightening agent according to claim 1, wherein the component (d) is contained in the first agent composition in an amount of 1 to 19 weight %.

4 – 6. (Cancelled).